Amendments To The Claims:

Please amend the claims as shown.

1 – 15 (canceled)

16. (new) A method for increasing the efficiency of a gas turbine system, comprising:

transferring heat energy from a waste gas of a gas turbine to a water-steam flow of a steam turbine;

further transferring additional heat energy from the waste gas to a working medium of a thermodynamic circulation process, the working medium comprising two materials with non-isothermal evaporation and condensation properties.

17. (new) The method as claimed in claim 16, wherein the thermodynamic circulation process is a Kalina cycle.

18. (new) The method as claimed in claim 17, wherein the thermodynamic circulation process comprises the following steps:

pressurizing the liquid working medium flow;

separating the pressurized liquid working medium flow into a first partial flow and a second partial flow;

partially vaporizing the first partial flow by transferring heat energy from the waste gas to the first partial flow;

partially vaporizing the second partial flow by transferring heat energy from a partially condensed and expanded working medium flow;

combining the partially vaporized first and second partial flows into a partially vaporized working medium flow;

creating a gaseous working medium flow by vaporizing the partially vaporized working medium flow by transferring heat energy from the waste gas to the working medium flow;

converting the thermal energy of the gaseous working medium flow into a useful form by expansion of the gaseous working medium flow in a turbine;

further condensing the partially condensed, expanded working medium flow to form the liquid working medium flow.

19. (new) The method as claimed in claim 18, wherein with the first partial flow and the liquid working medium flow have similar temperatures.

20. (new) The method as claimed in claim 19, wherein the waste gas entering the thermodynamic circulation process has a temperature of 100 to 200°C.

21. (new) The method as claimed in claim 20, wherein the waste gas entering the thermodynamic circulation process has a temperature of 140 to 200°C.

22. (new) The method as claimed in claim 21, wherein the useful form of energy is either electrical or mechanical energy.

23. (new) A gas turbine system, comprising:

a heat exchanger positioned in a waste gas flow of a gas turbine that is connected to a steam turbine as part of a water-steam cycle;

a device for executing a thermodynamic cycle process connected to the waste gas flow of the gas turbine via a first heat exchanger that receives the first partial flow, and generates and discharges a partially vaporized first partial flow by transferring heat energy from the waste gas flow to the first partial flow and a second heat exchanger that receives the second partial flow and generates and discharges a partially vaporized second partial flow by transferring heat energy from an expanded working substance flow to the second partial flow arranged downstream of the first heat exchanger, comprising:

a working medium of the thermodynamic cycle process comprising ammonia and water operating in a Kalina cycle;

a pump that pressurizes a liquid working substance flow;

a separator that separates the pressurized liquid working substance flow into a first partial flow and a second partial flow;

a mixer that combines the partially evaporated first partial flow and the partially evaporated second partial flow into a partially evaporated working substance flow;

a third heat exchanger that receives the partially evaporated working substance flow and fully vaporizes the working substance by transferring heat energy from the waste gases to the partially evaporated working substance flow;

a turbine, that:

expands the gaseous working substance flow,

converts energy from the expanded flow into a usable form, and

discharges the expanded working substance flow; and

a fourth heat exchanger that receives and condenses the partially condensed and expanded working substance flow and discharges the liquid working substance flow.

24. (new) The gas turbine system as claimed in claim 23, wherein the temperature of the first partial flow and the liquid working medium flow are similar.

25. (new) The gas turbine system as claimed in claim 24, wherein the temperature of the waste gas of the gas turbine, upstream of the first heat exchanger, is 100 to 200°C.

26. (new) The gas turbine system as claimed in claim 25, wherein the temperature of the waste gas of the gas turbine, upstream of the first heat exchanger, is 140 to 200°C.

27. (new) The gas turbine system as claimed in claim 26, wherein the first and second heat exchangers are shell and tube heat exchangers.

28. (new) The gas turbine system as claimed in claim 27, wherein the device for executing a thermodynamic cycle process is a standardized unit.

29. (new) The gas turbine system as claimed in claim 28, wherein the standardized unit comprises a heat exchanger module and a circulation module.

30. (new) The gas turbine system as claimed in claim 29, wherein the circulation module is arranged in a 20' or 40' container format.